## ABSTRACT OF THE DISCLOSURE

A high-strength steel sheet comprises carbon: 0.06 to 0.25 mass%, Si:0.5 to 3.5 mass% and Mn:0.7 to 4 mass%. Its mother structure is ferrite, its second phase structure comprises martensite and the residual austenite and the second phase structure measured by image analysis has an area fraction of 25 % or less based on the total structure. The steel sheet satisfies the following requirements (1) to (3): (1) the volume fraction (VtyR) of the residual austenite is 5 % or more; (2) the ratio (SFyR/ VtyR) of the area fraction (SFYR) of the residual austenite within ferrite to VtyR is 0.65 or more; and (3) the ratio [ $\alpha$ 2/( $\alpha$ 1 +  $\gamma$ R)] of the space factor ( $\alpha$ 2) of martensite to the second phase structure ( $\alpha$ 1 +  $\gamma$ R) is 0.25 to 0.60. The steel sheet has excellent balance between strength and local elongation, and a low yield ratio.